

How to Enable Layer 7 Application Profiling

<https://campus.barracuda.com/doc/41116001/>

Layer 7 Application Control is a legacy feature of the Barracuda NG Firewall. Barracuda Networks recommends using [Application Control 2.0](#) instead.

Before configuring Layer 7 Application Control in your firewall rules, you must enable it and configure default application handling and detection policies.

To use Layer 7 Application Control, you must have a valid **Energize Updates** subscription installed on the Barracuda NG Firewall.

Configure Application Detection

1. Open the **General Firewall Configuration** page (**Config > Full Config > Box > Infrastructure Services**).
2. From the **Configuration** menu in the left navigation pane, select **Application Detection**.
3. Click **Lock**.
4. From the **Enable Protocol Detection** list, select **yes**.
5. In the **Application Detection Default Policy** section, configure the default policy that will be applied to detected applications.

Edit the following settings:

Setting	Description
Application Policy	Specifies how detected applications are handled. You can select one of the following policies: <ul style="list-style-type: none"> ◦ No-Detection - Application detection is deactivated. ◦ Detect-Only - Reports detected applications in the firewall access cache but takes no action. ◦ Limit-Bandwidth - Limits the bandwidth for the traffic of detected applications. If you select this policy, you must enter the maximum bandwidth in the Application Bandwidth field. ◦ Drop-Traffic - Blocks the traffic for detected applications. ◦ Assign-QoS-Band - Assigns a QoS band to the traffic of detected applications, as specified by the default policy or the firewall rule.
Application Bandwidth	Maximum bandwidth in kilobits for the traffic of detected applications.

<p>Application QoS Band Shape Connector</p>	<p>Default traffic shaping connector for the traffic of detected applications. You can select the Other check box and enter the ID value of the required shaping connector.</p> <p>A valid traffic shaping configuration is required to use this feature. You can choose a band from the predefined basic QoS profile template but you must still activate the overall use profile on the various network interfaces within the traffic shaping configurations.</p>
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6. In the **Application Detection Default Selection** section, define the applications that the Barracuda NG Firewall must detect. By default, all supported applications are detected.
 - If you want to explicitly specify which applications must be detected, edit the following settings:
 - **Use Preselected Applications** - Select *no*.
 - **Explicitly Add Applications** - Add an entry for each application that the Barracuda NG Firewall must detect.
 - If you want to use the preselected list of applications, edit the following settings:
 - **Use Preselected Applications** - Select *yes*.
 - **Explicitly Skip Applications** - Add an entry for each application that the Barracuda NG Firewall does not need to detect.

Application Detection Default Selection

Use Preselected Applications

Explicitly Add Applications

Explicitly Skip Applications

Preselected Applications

GAME-ARMAGETRON

GAME-BATTLEFIELD

GAME-CLUBPENGUIN

GAME-CROSSFIRE

7. Click **Send Changes** and **Activate**.

Continue with [How to Use Layer 7 Application Control in Firewall Rules](#).

Figures

1. app.jpg

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